TELEPHONY'S INDEX TO VOLUME 163

July through December, 1962

Published by Telephony Publishing Corp. 608 S. Dearborn St., Chicago 5, Ill.

Immediately following the title of the articles in this index will be found the date of issue. Articles under the "Plant" heading, designated by an asterisk (*) are illustrated.

ACCOUNTING:
Computers no end to dramatic breakthroughs, by James B. Gilland (USITA accounting conf., Nov. 3.
Data processing for telephone companies, by W. J. Hollenkamp, Nov. 3.
ICC (Illinois Commerce Commission): Revises accounts system to show investment credit, Dec. 22.
Modern engineering valuation, by W. C. Fitch, Sept. 29.
New guidelines for depreciation, by Carl Forcheskie, Nov. 3.
Small companies should profit by not capitalizing construction overheads, by W. F. Stanley, Oct. 13.
Use of Iowa type survivor curves in valuation and depreciation, by Robley Winfrey, Oct. 6.

ASSOCIATIONS, NATIONAL:
REA borrowers (See REA)

ASSOCIATIONS, STATE:
Marketing is key to sales profits, Ark. Conv. told, by R. C. Reno, Oct. 20.
Golden States (Cal.) look ahead, examine lag, image, potential, by Helen Hardin, July 28.
Colorado association holds first general meeting, Dec. 29.
Georgians, "on move," told: plan, meet demands, by Helen Hardin, Oct. 27.
Active interest in politics is great need today, Michigan Independents told, by R. C. Reno, Nov. 3.
Missouri-Kansas convention urged to give all-out support to private enterprise, July 7.
Cornhuskers take closer look at industry problems, July 28.
'Get out of telephone business into communications business'—Nevadans told, by Ardis Woodrich, Nov 17.
Broaden horizons, New Yorkers urged, by Dan S. Fargo, July 21.
N. C. Assn.-Bell seminar on transmission problems, Dec. 29.
North Carolinians study: satellites, sales, marketing, and merchandising, by Jeanne van Gemert, Oct. 27.
Oregon-Washington Independents study politics, policies, and practices, by Jeanne van Gemert, Aug. 4.
Pennsylvanians contemplate on 'Freedom to Operate' by Dan S. Fargo, July 14.
Mountain states telephony (Rocky Mountain) pleads for free enterprise, by Helen Hardin, Nov. 10.
W. Va. association holds annual convention, Nov. 10.

BELL SYSTEM:
AT&T awarded $2.7 million damages in Nev. sabotage, July 21.
Bell Labs machine diagnoses failures, helps find cures, July 28.
N. J. Bell breaks ground for first commercial ECO, July 28.
New Jersey Bell Pioneers hold annual reunion, Oct. 27.
SW Bell accepts bid for purchase of debentures, Aug. 18.
Bell's TWX converts in first nationwide cut-over, Sept. 15.
Bell's Wing and Tower being built for N. Y. Fair, Sept. 22.
Order telephone supplies by Data-Phone, by D. G. Plaskett, Nov. 10.
AT&T participant helps set disaster control plans, Sept. 22.
Bell introduces new dial intercommunication system, Oct. 27.
Bell Telephone Labs unveils newest Holmdel facilities, Nov. 24.
New Data-Phone set transmits over regular telephone lines, Dec. 1.
Bell's WATS provides time, money savings on calls, Dec. 1.

BOOK REVIEWS:
"Nonlinear and Parametric Phenomena in Radio Engineering", by A. A. Kharkevich, July 28.
"How to Design Pole-Type Buildings", by Donald Patterson, July 28.
AWPI National Directory of Pole Building Contractors, 1962 edition, July 28.
"Delay Tables for Finite—and Infinite-Source Systems," by A. Descloux, July 28.
"Public Relations Handbook", by Philip Lesly, Dec. 29.

CANADA:
Telephone Association of Canada meets, July 28
Trans-Canada Telephone System meeting, July 28.
Canada telephony told their industry fully capable, July 28.
Edward A. Rolph of Bell Telephone of Canada new president of Telephone Association of Canada, Sept. 1.
CICA holds first meeting of communication managers, Sept. 22.
Bell Telephone Co. of Canada: Files tariff for first-time TWX, July 28.
Canada Bell may issue up to 2,025,000 shares, Aug. 25.
New Bell of Canada stock issue given approval, Sept. 15.
Canada Bell Mobile TV tower used in pick-up, by D. G. Plaskett, Sept. 22.
Asks Skyphone UHF channel, Oct. 20.
Plans parallel microwave web, Nov. 10.
Offer to purchase Oro Telephone Co. renewed, Nov. 24.
Bell of Canada publishes first Eskimo directory, Dec. 15.
British Columbia Telephone Co.: Receives permission for stock offering, Sept. 1.
New tropospheric scatter microwave system completed by British Columbia and Alaska Telephone Corp., Sept. 15.
Asks for Skyphone UHF channel, Oct. 20.
Uses 'Copter to move, reset poles, Dec. 8.
Constructs microwave system, Dec. 22.
Helicopter resets 60-ft telephone poles in Canada, Aug. 18.
Oro Telephone Co.: Shareholders refuse to approve sale to Bell Telephone Co. Ltd., July 28.
Saskatchewan Telephones: Organizes market dept., Nov. 10.

COMMISSION CASES, RULINGS—STATE:
(Also see Federal Communications Commission and Courts and Legislation.)

ALABAMA:
Alabama Telephone Co.: Asks general rate increase, Aug. 11.
Leeds Telephone Co.: Asks raise to meet expansion cost, Aug. 11. Granted raise to yield 4.15 return, Oct. 6.

ALASKA:
City of Anchorage Telephone Dept.: Bond issue to be submitted to voters, Sept. 22. Anchorage votes $6 million revenue issue for expansion, Oct. 27.

ARKANSAS:
Berryville Telephone Co.: Granted additional territory, Aug. 11.
Green Forest Telephone Co.: Gets additional territory, Aug. 11
Lincoln-Desha Telephone Co.: Authorized to borrow $75,000, Nov. 17.
Ozark United Telephone Co.: Asks rate raise and loan permit, Oct. 20.
Rice Belt Telephone Co.: Receives permission to borrow from General Dynamics Corp., Aug. 11.
Southwest Arkansas Telephone Coop, Inc.: EAS agreement with General Telephone Co. of Southwest authorized, July 28.
Southwestern States Telephone Co.: Asks PBX service rates, Nov. 17. With Four States, asks Ark. growth financing, Dec. 29.
Southwestern Bell Telephone Co.: Replies to Allied's Ark. service area complaint, Nov. 10.
United Telephone Co. of Arkansas: Asks two exchange loans, Oct. 6.

CALIFORNIA:
California Interstate Telephone Co.: Rate reduction request approved, July 28.
Cal. Water & Telephone: Hearing on rate request, Nov. 10. Votes quarterly dividend, Dec. 22.
Pacific Telephone & Telegraph Co.: Gets protest from Anti-ANC, July 7. Cal. commission orders PT&T investigation, Aug. 18. Cal. Anti-Digit League asks commission revalue ANC, Sept. 29. Set hearings on anti-ANC protests vs. PT&T in Cal., Dec. 29.

CONNECTICUT:
Southern New England Telephone Co.: Sale of $45 million debentures ok'd, Oct. 13. Declares '62 dividend, Dec. 29.
Woodbury Telephone Co.: Asks raise to yield $2,400 revenue, Dec. 1.

FLORIDA:
General Telephone Co. of Florida: Granted $4,630,853 increase, July 28.

GEORGIA:
Bulloch County Rural Telephone Cooperative, Inc.: Rates approved for EAS with Statesboro Telephone Co., Dec. 8.
Cherokee Telephone Co.: Granted rate increase, Sept. 8.
Consolidated Telephone Co.: Asks to dissolve Doerun, Moultrie, Norman Park exchanges, and liquidate, Dec. 8.
General Telephone Co. of Ga. (Moultrie): Asks to acquire Douglas Telephone Co. simultaneously with Douglas request to sell, Dec. 8. Granted permission to operate Doerun exchange of Consolidated Telephone Co., and also Norman Park exchange of same company, Dec. 8.
General Telephone Co. of SE: Authorized to issue, sell 70,000 shares of stock, Aug. 11.
Progressive Rural Telephone Cooperative, Inc.: Asks to borrow and raise rates for EAS, Sept. 2.
Quincy (Fla.) Telephone Co.: Asks to build toll facilities from Attapulgus, Ga. to connect with Southern Bell's facilities near Attapulgus, Dec. 8.
St. Joseph Telephone & Telegraph Co. (Port St. Joe, Fla.): Asks to serve area certificated to Southern Bell, served through Bainbridge, Ga. exchange, Dec. 8.
Standard Telephone Co.: Asks to establish new exchange at Tallulah Falls, secure financing, Dec. 8. Granted certificate for exchange at Batesville, Dec. 8.
Walker County Telephone Co.: Issue of $708, 000 bonds approved, Sept. 15. Granted permission to establish exchange at Villanow, Dec. 8.

IDAHO:
Carey Telephone Co.: Granted rate increase, Aug. 4.
General Telephone Co. of the Northwest: Asked to maintain its business office at St. Maries, Ida., July 7.

ILLINOIS:
Rules change on joint buried cables, Dec. 15.
Chicago police seize four in $200,000 coin box theft, Oct. 6.
County Telephone Co.: Given approval to operate in West Salem, July 7.
DeKalb-Ogle Telephone Co.: Stock issue authorized, Dec. 8.
Dixon Home Telephone Co.: Western Power & Gas Co., Lincoln, Neb. proposes to acquire through stock exchange, Dec. 8.
General Telephone Co. of Illinois: Authorized to discontinue "free" service from Roseville exchange to Swan Creek and Smithshire exchanges of McDonough Telephone Cooperative, Colchester; also, to discontinue toll service from Roseville to Raritan exchange of McDonough, and establish EAS among the 4 exchanges, July 7. Extends in Illinois, Sept. 29.
Harrisonville Telephone Co.: Authorized to increase rates, July 28.
Illinois Bell Telephone Co.: Clerks reject Teamster Union affiliation, Dec. 1.

Marseilles Telephone Co.:
Authorized to issue $303,000 notes, Sept. 22.
National Trail Telephone Co.:
Authorized to issue $175,000 notes, Nov. 3.
Asks raise for Snumway exchange, Dec. 8.
Okaw Commercial Telephone Co.:
To build and operate in territory served by Farmers Mutual Telephone Co., and by the New Haven Telephone Co., July 7.
Asks to issue $150,000 notes, Sept. 22.
Approved, Nov. 3.
Asks certificate to serve area served by Cottonwood Telephone Co., Dec. 8.
Raleigh Telephone Co.:
Asks to issue $75,000 notes, Dec. 8.

INDIANA:
Adams-Wells Telephone Co.:
Asks commission to define boundaries of service in Tocsin area, Sept. 8.
Batesville Telephone Corp.:
Asks rate increase, Nov. 17.
Big Springs Telephone Co :
Petition for a certificate dismissed, Nov. 17.
Camden Telephone Co.:
Joint petition with Indiana Bell Telephone Co. to establish EAS, Nov. 17.
Citizens Telephone Co.
Requests permission to set new rates, Nov. 17.
Craigville Telephone Corp.:
Authorized to borrow not to exceed $75,000, Aug. 25.
With Adams-Wells Telephone Co., given separate and joint service territories, Aug. 25.
Commission approves rate increase for Craigville, Aug. 25.
Daviess-Martin Rural Telephone Corp.:
Commission revokes authority to operate in area of Westphalia Mutual Telephone Co., Aug. 25.
Eastern Indiana Telephone Co.:
Asks jointly with General Telephone Co. of Indiana to establish EAS, and to raise rates, Nov. 17.
Elnora Telephone Co., Inc.:
Asks to borrow $15,000, Aug. 25.
General Telephone Co. of Indiana, Inc.
Asks to render service in area now assigned to Poe Farmers Mutual Telephone Co., Aug. 25.
Granted authority for EAS between Cory and Clay City (General), Aug. 25.
Granted permission to establish EAS between Westfield and several Indiana Bell exchanges, Aug. 25.
Asks to establish EAS between Wheeler and Portage, upon establishment of Portage exchange, Nov. 17.
Hoagland Switchboard Association:
Asks to sell to General Telephone Co. of Indiana, Nov. 17.
Home Telephone Co :
Authorized to borrow not to exceed $55,000 from General Dynamics, Aug. 25.
Indiana Bell Telephone Co., Inc.:
EAS with Mulberry Telephone Co-op Telephone Co., Aug. 25.
Ligonier Telephone Co., Inc.:
Asks to borrow, finance, establish EAS with United Telephone Co. of Indiana, Inc., Nov. 17.
Majenica Telephone Co., Inc.:
Asks to raise rates, borrow $75,000, Nov. 17.
Nappanee Telephone Co.:
Receives authorization for new rates, Nov. 17.
New Corydon Telephone Co :
Petitions to sell to Citizens Telephone Co., Nov. 17.
New Elberfeld Telephone Co., Inc.:
Asks to sell to W. F. Davidson, Aug. 25.
Asks EAS with Indiana Bell between McCutchanville and Elberfeld, Aug. 25.
New Paris Telephone Co.:
Asks to establish EAS with Nappanee Telephone Co., Nov. 17.
Northwestern Indiana Telephone Co., Inc :
Granted permission to borrow not in excess of $100,000 from General Dynamics, Aug. 25.
Ohio River Telephone Co., Inc :
Commission approves rate schedule, Aug. 25.
Poe Farmers Mutual Telephone Co.:
Asks to sell to General Telephone Co. of Indiana, Nov. 17.
Public Telephone Corp.:
Request for raise heard, Nov. 17.
Shelburn Telephone Co., Inc.:
Authorized to borrow no more than $126,000 from Kellogg Credit Corp., Aug. 25.
Smithville Telephone Co.:
Authorized to establish EAS between Lizton exchange and three Bell exchanges, and to put rate schedule into effect, Aug. 25.
Asks to operate exchanges at Gosport, Lyons, Hymera, Griffin, Sharpsville, and Lizton, Nov. 17.
Sunman Telephone Co :
Asks to borrow $75,000 for new equipment, Nov. 17.
Swazee Telephone Co.:
Asks to borrow $50,000, Aug. 25.
Receives authorization to borrow $50,000, Nov. 17.
Washington County Rural Telephone Cooperative, Inc.:
Requests amendment to articles of incorporation, and to borrow for improvements, Nov. 17.
Woodburn Home Telephone Co., Inc.:
Asks to borrow $66,000, Nov. 17.

IOWA:
Dunkerton Mutual Telephone Co.:
To vote on whether to grant 30-year franchise, Nov. 24.

KANSAS:
American Communications Co.:
Supports area extensions for Clarks Telephone Co. and LT&T (both in Neb.); own boundaries affected in Neb. commission approval, Oct. 27.
Blue Valley Telephone Co.:
Receives permission to serve Axtell and Vliets, July 28.
Consolidated Telephone Co.:
Asks rate raise, Sept. 22.
Rainbow Telephone Cooperative Association, Inc:
Granted certificate to operate at Bendena, Whiting and Muscotah, Nov. 17.

MAINE:
New England Telephone & Telegraph Co.:
Rate increases postponed, Oct. 13.
Approve NET&T raises sought in Maine, Nov. 24.

MICHIGAN:
General Telephone Co. of Mich.:
Rate reductions ordered by commission.
EAS with Michigan Bell Telephone Co. asked, Nov. 24.
Pinconning Telephone Co.:
Asks to sell to Independent Telephone Corp. of Michigan, July 28.

MINNESOTA:
Atwater Telephone Exchange:
Authorized min. wage raise, Dec. 1.
Cyrus Mutual Telephone Co.:
Granted min. wage increase, Dec. 15.
Danube Telphone Co.:
Authorize min. wage raise, Dec. 22.
Eagle Valley Telephone Co.:
Granted rate increase, Sept. 22.
Felton Telephone Exchange:
Granted raise to cover wage increase, Nov. 3.
Hohman Telephone Co.:
Granted increase to cover wage increases, Nov 3.
Johnson Telephone Co.:
Granted rate increase, Sept 1.
Lowry Telephone Co.:
Granted increase to cover wage raise, Nov. 3.
Lucan Telephone Co.:
Granted min. wage increase, Dec. 15.
Milan Mutual Telephone Co.:
Gets rate raise, Oct. 20.
Morristown Telephone Co.:
Grant minimum wage raise, Nov. 3.
Pioneer Telephone Co. of Todd County:
Granted rate increase, Sept. 22.
Sacred Heart Telephone Co.:
Minimum wage raise granted, Nov 3.

MISSOURI:
Bolivar Telephone Co.:
Asks to revise tariff, Nov. 10.
Hearing set on Rondo Community request for service, Nov. 10.
Central Utilities:
Asks to acquire all stock of LaBelle Telephone Co., Nov. 10.
Chariton Valley Telephone Corp.:
Asks rate raise, Aug. 11.
Asks to render service in Excello, College Mound, Cox, Ardmore, Woodville; and for additional financing, Dec. 8.
Concordia Telephone Co.:
Asks to merge with Southwest Dial, Inc., Nov. 10.
Continental Telephone Co.:
Puts common stock on sale, Oct. 20.
Doniphan Tel. Co.:
FCC considers case on Bell-Independent facilities, July 14.
Elston Mutual Telephone Co.:
Signs service agreement with another (Midstate), July 21.
Iamo Telephone Co.:
Asks to construct and operate as company, Aug. 11.
Indian Grove Telephone Co.:
Transfer of ownership of properties asked, Nov. 10.
Inter-County Telephone Co.:
Asks dial rates at Grant City and Allendale, Aug. 11.
Kingdom Telephone Co.:
Asks commission to clarify boundary, Oct. 6.
Lincoln Telephone Co.:
Asks to borrow $250,000 from Stromberg-Carlson, Nov. 10.
Luray Telephone Co.:
Asks to sell to Northeast Rural Telephone, Nov. 10.
Madison Telephone Co.:
Gets approval to enlarge operating area, July 28.
Midstate Telephone Co.:
Asks to change conditional certificate to permanent, Dec. 8.
Milan Telephone Co.:
Asks increase, Aug. 11.
Rate reduction ordered, Sept. 1.
Missouri Valley Telephone Co.:
Given authority to issue stock, and permitted to transfer certificate from Midwestern Telephone Co. to Missouri Valley, Aug. 11.
Northwest Nodaway Telephone Corp.:
Asks certificate at Quitman, Aug. 11.
Peace Valley Telephone Co.:
Commission grants Q. Bosserman authority to do business, Aug. 11.
South Missouri Telephone Co., Kingdom Telephone Co.:
Ask clarification of boundary, Oct. 6.
Southwestern Bell Telephone Co.:
Asks to purchase Farmers Mutual Telephone System; Farrar Telephone Co.; Frohna Telephone Association; New Wells Central Division of Farmers Mutual Telephone System; and Farmers Mutual Telephone System, Sept. 22.
Stark City and Stella Telephone Co.:
Asks to sell to Purdy Telephone Co., Dec. 8.
Stoutland Telephone Co.:
Asks to operate, Nov. 10.
Petition approved, Nov 10.
Twin Lakes Telephone Co :
Asks to borrow from GD Corp., Aug. 11.
Granted authority to borrow $150,000 from General Dynamics Corp., Aug. 18.
Asks raise for entire area, Nov. 10.
West Missouri Telephone Co.:
Asks authority to purchase and operate Amsterdam exchange, Nov. 10.

NEBRASKA:
Cambridge Telephone Co.:
Granted certificate of service for Cambridge Aug. 25.
Central Nebraska Telephone Co.:
Asks to purchase Chase County Telephone Co., July 28.
Registers 250,000 shares with SEC, Sept. 1.
Chase County Telephone Co.:
Asks to sell to Central Nebraska Telephone Co., July 28.
Clarks Telephone Co.:
Authorized to raise rates for Staplehurst, and establish EAS with LT&T, Sept. 22.
Authorized to extend exchange, Oct. 27.
Cornhusker State Telephone Co.:
Asks rate increase, Sept. 15.
Granted rate increase, Dec. 15.
Curtis Telephone Co.:
Hearing on applications with Stockville Telephone Co., Inc., and Moorefield Farm & Ranch Telephone Co., to permit Curtis to serve area now served by Stockville and Moorefield, Oct. 20.
Authorized to serve both areas, Nov. 24.
General Telephone Co of Nebraska:
Given permission to revise exchange area maps, Aug. 4.
Given approval to institute remote control dictation systems, Sept. 15.
Authorized to discontinue EAS with Chapman, Nov. 24.
EAS between Sumner and Miller authorized, Dec. 15.
Authorized to set rates and charges for time-of-day service, including temperature announcement, also revision radio chanels tariff, Dec. 22.
Hamilton County Telephone Co.:
Granted certificate to serve Dunning exchange of Consolidated Telephone Co., Nov. 3.
Joint application with Northwestern Bell Telephone Co. to establish EAS denied, Nov. 24.
Hearing set on request for EAS with Bell, which was formerly denied, Dec. 22.
Hartman Telephone Co.:
Granted fire alarm system rate, Nov. 17.
Hazard Telephone Co.:
Asks to discontinue operation, July 7.
Authorized to discontinue its exchange, July 28.
Huntley Telephone Co.:
Asks to sell to Wilcox Telephone Co., Sept. 15.
Keystone-Arthur Telephone Co., Inc.:
Gets permission to borrow $3,000, Aug. 25.
Lincoln Telephone & Telegraph Co.:
Gets permission to increase service and installation charges; to offer mobile serv-

ice at Lincoln and Hastings on flat basis; receives permission for connection of facilities with private communications of other utilities; new rates for terminations; and rates for automatic dialing equipment, Aug. 25.
With General Telephone Co. of Nebraska concurring, LT&T gets okay to revise exchange area map, Oct. 13.
Authorized to extend Fairbury exchange, Oct. 27.

Northeastern Telephone Co.
Receives permission to acquire property of Public Telephone Co., establish interim and permanent rates, issue and sell stock, and execute REA loan, Dec. 22.

Northwestern Bell Telephone Co.:
Authorized to take over operation of Ravenna exchange of Hazard Telephone Co., July 28.
Authorized to extend six-party service from Bell's Elwood exchange to special rate area at Johnson Lake, July 28.
Authorized to revise FX rates, special rates for Crawford area, Aug. 4.
Receives permission to revise tariff for switchboards and other equipment provided to utilities, Sept. 15.
Authorized to provide Data-Speed equipment on tele-tyepewriter equipment; rate set, also for Spokesman, Second Secretary, Sept. 22.
Authorized, with Panhandle Telephone Co., Inc., to revise boundary maps to serve Air Force areas, Sept. 22.
Also, gets permission to offer Card Dialer, Rapidial services, Sept. 22.
Authorized to offer rural radio service; also, given permission for a 20-40 dial selective communicating system, Oct. 13.
Supports area extensions for Clarks Telephone Co. and LT&T, Oct. 27.
Asks to issue $100,000 stock, Nov. 3.
Receives permit to extend boundaries, with approval of General of Neb., Inman Telephone Co., and K & M, Nov. 24.
Given approval to revise telephotographic equipment tariff; also, EAS between Ravenna and Sodtown exchange of Sodtown Telephone Co., Dec. 22.
Hearing set on request to issue $40 million debentures, Dec. 22.
Ok PBX rate to permit blind to operate boards, Dec. 29.

Pierce Telephone Co.:
Hearing on request to sell stock set, Nov. 3.

Plainview Telephone Co., Inc.:
Granted raise and loan authority, Sept. 22.

Stanton Telephone Co.:
Given permission to offer semipublic service, Nov. 17.

United Telephone Co. of the West:
Commission approves FX, Aug. 25.
Mobile telephone service in Scottsbluff area approved, Sept. 22.
Tariff okayed for "Enterprise Calls", Dec. 29.

Wynot Telephone Co.:
Ask to transfer exchanges to a corporation, Dec. 22.

NEVADA:

Southern Nevada Telephone Co.:
Approve EAS extension, Aug. 11.

NEW HAMPSHIRE:

New England Telephone & Telegraph Co.:
Rate reduction order given, Oct. 6.

NEW JERSEY:

New Jersey Telephone Co.:
Asks FX link with New Jersey Bell Telephone Co., Nov 17.

NEW MEXICO:

General of the Southwest Telephone Co.:
Tax case (See TAXES)

NEW YORK:

Cato & Meridian Telephone Co.:
Lysander exchange will get N. Y. Telephone's Syracuse Metro service, Dec. 8.

Clymer Telephone Co.:
Authorized to issue, sell $88,000 securities, Nov. 24.

Empire Telephone Corp.:
Deny rate request; consider $11,500 limit, Oct. 6.

Finger Lakes Telephone Corp.:
Marcellus exchange gets N. Y. Telephone's Metro service through arrangement, Dec. 8.

General Telephone Co. System:
Requests permission to consolidate Tri-State Associated Telephone Corp. and General Telephone Co. of Upstate New York, Sept. 8.

Hawleyton Telephone Co.:
Begins toll-free dial service, Sept 15.
Commission approves Hawleyton rates, Nov. 24.

Margaretville Telephone Co.:
Raise denied, Oct. 13.

Midstate Telephone Co.:
Manlius exchange gets N. Y. Telephone's Metro service through arrangement, Dec. 8.

New York Telephone Co.:
Boiler explosion findings reported following city's charges of company misdemeanor, Nov. 24.
Seeks approval to sell bonds, Dec. 1.

Nicholville Telephone Co.:
Authorized to issue, sell $175,000 notes, Nov. 24.

Oswego County Independent Telephone Corp.:
Gets N. Y Telephone's Syracuse Metro service through arrangement with Cato & Meridian Telephone Co., Dec. 8.

Rochester Telephone Corp.:
Sells debentures for company construction, July 28.

Southern Counties Telephone Corp.:
Hearing on joint petition of Hawleyton Telephone Co. to sell and Southern Counties to buy former, Nov. 24.

State Telephone Co.:
Authorized to issue, sell $150,000 bonds, July 7.

Western Counties Telephone Corp.:
Told it cannot increase rates, Sept. 8.

NORTH CAROLINA:

Carolina Telephone & Telegraph Co.:
NLRB authorizes second employe vote on AFL-CIO representation, July 7.
N. C. employes reject union bid to represent them, Aug. 4.
Asks permission to sell 50,000 shares, Oct. 13.
Commission intervenes in CT&T-Bell toll dispute, Dec. 29.

Central Telephone Co.:
Authorized to establish EAS with Yadkin Valley Telephone Membership Corp., and with Wilkes Telephone Membership Corp., Aug. 4.
Asks commission for permission to sell 250,000 shares stock, Sept. 8.

Concord Telephone Co.:
Authorized to issue, sell $1,800,000, Nov. 17.

Eastern Rowan Telephone Co.:
Commission denies rate increase request, July 21.

Laurel Hill Telephone Co.:
Authorized to raise rates, Dec. 8.

Lexington Telephone Co.:
Asked to provide service to resident outside territory of Reeds Mutual Telephone Co., Inc., Nov. 10.

Morris Telephone Co.:
Stockholders vote on merger plans with Western Gas & Electric Corp., Aug. 18.

Norfolk & Carolina Telephone Co.:
Authorized to establish EAS between Manteo and Kill Devil Hills, and increase rates at Manteo, July 14.

North State Telephone Co.:
Polls subscribers to determine whether to drop toll in N. C., Dec. 8.

Randolph Telephone Co.:
Asks rate increase, reclassification, Aug. 18.
Wins raise amounting to $11,670, Oct. 13.

Western Carolina Telephone Co.:
Denied rate request; must make refunds, Oct. 13.
Request for rehearing on rate request denied, Nov. 24.
Appeals from commission rate refusal, Dec. 15.

OHIO:

Citizens Mutual Telephone Co.:
Authorized to raise its rates, Dec. 1.

Spencer Telephone Co.:
Files rate request, Dec. 1.

United Telephone Co.:
Offers new Ohio PBX services, Oct. 6.

OREGON:

Oregon-Washington Telephone Co.:
Financing authorized, July 28.

Pacific Northwest Bell Telephone Co.:
Authorized to issue and sell $50 million in debentures, Aug. 11.

West Coast Telephone Co.:
Loan request granted to its subsidiary, West Coast Telephone Co. of California, Sept. 1.

PENNSYLVANIA:

Commonwealth Telephone Co.:
Directors vote 3-for-2 split, July 28.

Conestoga Telephone & Telegraph Co.:
Receives approval of rate increase for Boyertown and Sassamansville, Aug. 11.

York Telephone & Telegraph Co.
Asks $1.34 million increase, Dec. 22.

SOUTH CAROLINA:

General Telephone Co. of SE:
Public service commission decides to investigate service, July 14.
Commission resumes hearings on General's rate request, Oct. 13.

Southern Bell Telephone & Telegraph Co.:
Gets $380,000 net raise under reclassification, July 7.

TENNESSEE:

Claiborne Telephone Co.:
Commission advises EAS be included in rate request, Aug. 18.

Peoples Telephone Co.:
Raise for Henry, and financing approved, Oct. 20.

TEXAS:

General Telephone Co. of the Southwest:
EAS agreement with Arkansas Telephone Co-op Inc. authorized, July 28.
Gets 3 rate increases, Aug. 11.
Gets 7 rate increases, Sept. 22.
Gets three raises, Nov. 17.

Killeen Telephone Co.:
Granted rate schedule at Harker Heights when company locates exchange, Aug. 4.

Nortex Telephone Co.:
New rate schedule approved, Dec. 22.

Southwestern Bell Telephone Co.:
Granted increase at La Marque, Aug. 4.
Gets approval for DDD to Houston from La Porte, Nov. 24.

Southwestern States Telephone Co.:
Secures two Texas raises, Oct. 6.
Gets 1 Okla. raise, 2 in Texas, Dec. 15.

WASHINGTON:

North Central Washington Rural Telephone Exchange, Inc.:
Asks name be changed to North Central Telephones Inc., Aug. 4.

Skagit Valley Telephone Co.:
Asks rate raise, Aug. 25.

WEST VIRGINIA:

Chesapeake & Potomac Telephone Co. of Va. and Princess Anne Telephone Co. (exchange of C. & P. Co. of Md.):
Rate revisions announced, Dec. 22.

Norfolk & Carolina Telephone Co.:
Rate revisions authorized, Dec. 22.

WISCONSIN:

Amherst Telephone Co.:
Asks raise for dial conversion, Nov. 10.

Beef River Valley Telephone Co.:
Asks for authority to operate at Otter Creek, Aug. 25.

Boscobel Telephone Co.:
Commission dismisses petition to discontinue timing of calls, Sept. 1.

Clear Lake Telephone Co.:
Commission authorizes rate increase, Aug. 11.

Fairwater-Brandon-Alto Telephone Co.:
Asks raise for dial service, Nov. 17.

General Telephone Co. of Wisconsin:
Asks rate increase for EAS with Wisconsin Telephone Co. Kenosha exchange, July 7.
Gets increase at Bristol to subsitute EAS with Wisconsin Telephone for toll, Aug. 18.
Asks raises for dial service at Trempealeau, Westfield, Montello, and Merrimac exchanges, Oct. 20.

Iowa County Telephone Co.:
Asks to sell to General Telephone Co. of Wisconsin, Aug. 4.

Lakefield Telephone Co.:
Asks rate increase, Sept. 22.

Madeline Island Telephone Co.:
Asks for a rate increase for paystation local calls, Aug. 4.

Mt. Vernon Telephone Co.:
Asks rate increase, Aug. 4.

Price County Telephone Co.:
Asks for a rate increase, July 28.

Pulaski Merchants & Farmers Telephone Co.:
Asks EAS rates, July 28.

Scandinavia Telephone Co.:
Asks to raise rates for dial service, Nov. 17.

United Telephone Co.:
Asks rate increase, Aug. 25.

Unity & Western Telephone Co.:
Asks to sell to General Telephone Co. of Wisconsin, Aug. 11.

Universal Telephone, Inc.:
Offers $500,000 public stock, July 7.

Weyauwega Telephone Co.:
Asks authority to establish two dial central offices, and EAS in Waupaca area, Aug. 4.
Asks to sell switched line facilities to Wisconsin Telephone Co., Dec. 15.

Wood County Telephone Co.:
Asks to raise rates at Rudolph, Aug. 25
Raise authorized, Oct. 20.

COMMUNICATIONS:

Alaska Communication System:
Transferred from Army to Air Force supervision, July 28.

Alaska Telephone Corp.:
Tropospheric scatter microwave system completed with British Columbia Telephone Co., Sept. 15.

Bell Telephone System:
To complete eastern third of blast-resistant transcontinental cable in late summer, '62, July 7.
Communications in the space age, by Dr. Herbert Trotter Jr., Nov. 3.
Indiana Bell Telephone Co. gets 'Eye in the Sky' (cable patrol), July 14.
Inter-continental dialing by late '60's, says CCITT, Aug. 4.
NATO Northern Command opens direct communication system, Oct. 20.
Progress in the communications industry, by E. J. McNeely, Nov. 3.
Trans-Tasman cable link (Australia-New Zealand) officially opened, July 28.
Radiotelephone link between Havana, Cuba, and Moscow inaugurated on July 14, July 28.
Tasman cable calls between New Zeland and Australia rise, Aug. 4.
Task of laying COMPAC under Pacific progresses, Sept. 29.

CONSOLIDATIONS:
U.S.-Canada:
Anglo-Canadian Telephone Co.:
Merges with General Telephone & Electronics Corp., July 28.
Canada:
British Columbia Telephone Co.:
Merges with Anglo-Canadian Telephone Co., July 28.
Webster Electric Co.:
Establishes subsidiary at Kitchener, Ont.: Webster Electric (Canada) Ltd., Sept. 8.
Bishop Mfg. Corp.:
Consolidates with Peters Mfg. Co. (cable-tape), Sept. 1.
Lear, Inc.:
Merges with Siegler Corp. (Corporate name changed to Lear Siegler, Inc.), Hallamore Electronics Division to be known as Lear Siegler, Ic./Electronic Instrumentation Division, July 7.
Leich Electric, Electronic Secretary:
Merging with Automatic Electric, Dec. 22.
Alaska:
Alaska Power & Telephone Co. (Skagway, Alaska):
Merges with Alaska Power & Telephone Co. Inc., Quilcene, Wash.
Georgia:
General Telephone Co. of Georgia:
Authorized to liquidate and dissolve Consolidated Telephone Co., Summerville Telephone Co., Chatsworth Telephone Co., Douglas Telephone Co., and Dalton Telephone Co.; also, Trion Telephone Co. and Broxton Telephone Co. and to operate the area served by all these, Oct. 13.
Indiana:
Bremen Telephone Co.:
Merges with United Telephone Co. of Indiana, July 7.
Nebraska:
Liberty Independent Telephone Co. and Barnston Mutual Telephone Co.:
Receive approval to merge with Capitol Telephone Co., Hickman, Oct. 20.
New York:
General of Upstate New York and Tri-State Associated Telephone Corp.:
Commission authorizes merger, Dec. 15.
North Carolina:
Morris, Telephone Co.:
Transfers ownership when Western Power & Gas Co. buys 95 per cent of stock, Nov. 24.
Ohio:
Commonwealth Telephone Co.:
Merged with General Telephone Co. of Ohio, July 21.
Troy-Tipp Telephone Co.:
Merger with General of Ohio announced, Oct. 6.

COURTS:
Arkansas:
City of Fordyce, Ark. loses suit to prevent Allied Telephone company from charging penalties on delinquent accounts, Sept. 8.
Ark. City (Little Rock) loses suit to prevent delinquent charges, July 21.
California:
Anti-ANC attorneys file suit against PT&T to prevent company from putting ANC into effect, Aug. 11.
Says court no jurisdiction in Cal. ANC suit vs. PT&T, Sept. 15.
Illinois:
Bell wins judgment vs. Ill. employe; another pending, Oct. 27.
Ill. businesswoman sues Bell, Donnelly for $20,000, Oct. 27.
Northwestern Telephone Co.:
Groves pleads guilty to embezzling $16,708 from employes' credit union, Dec. 22.
Kansas:
Council Grove Telephone Co., Inc.: Files $23 million damage suit against Northern Kansas Telephone Co., Inc., Nov. 10.
Louisiana:
Court rules utilities must pay relocation costs in La., July 21.
Court overrules order denying raise to SW States, Oct. 6.
Maryland:
C. & P Telephone Co. appeals rate denial in Md. court, Dec. 1.
Missouri:
Injunction brought against Allstates Van Lines Inc. for having its telephone number listed under 20 other names, Dec. 22.
New Hampshire:
Court will not set aside order to NET&T, Aug. 4.
New Jersey:
Court ruling upholds $35,000 award in Bell Telephone Laboratories employe death, Dec. 22.
New Mexico:
Court upholds MST&T protest of tax assessment, Aug. 25.
General of SW loses tax case, Sept. 15.
New York:
N. Y. Fire Commissioner charges misdemeanor on part of New York Telephone Co. and employe in boiler explosion, Nov. 3.
Port of N. Y. authority loses relocation suit, Oct. 20.
Sentence two in New York to term in coin box theft, Oct. 13.
Nevada:
AT&T awarded $2.7 million damages in Nev. sabotage, July 21.
Ohio:
Ohio Supreme Court upholds General Telephone Co. of Ohio in separation case, July 21.
Oklahoma:
Loses suit against Southwestern Bell Telephone Co. to force 23 A's name in directory, Aug. 4.
Pennsylvania, New Jersey:
Three youths charged in Pa., N. J. coin box damages, Nov. 24.
Tennessee:
Opinion affirms court ruling SBT&T Yellow Pages ad, July 21.
Southern Bell wins case on franchise basis, July 21.
Memphis appeals court ruling on telephone franchise tax, Aug. 4.
Texas:
Gulf States Telephone Co. asks injunction to secure raise, Nov. 10.
Arrest Texans for blasting telephone cash boxes, Dec. 29.
Wisconsin:
Admits $20,000 coin box theft in 18 cities, Dec. 15.

DATA TRANSMISSION:
Aluminum Co. of Canada Ltd. accepts delivery of first automatic data exchange system in North America, Aug. 11.

DIRECTORY:
Chicago Library acquires microfilmed directories, Oct. 6.

DISSOLUTIONS:
Georgia:
Broxton Telephone Co. asks to dissolve, certificate to be taken over by General Telephone Co. of Ga., Moultrie, Dec. 8.
Chatsworth Telephone Co. authorized to cease to operate, transfer certificate to General of Georgia, Dec. 8.
Consolidated Telephone Co. granted authority to dissolve Berlin, Funston exchanges, General of Georgia to operate, Dec. 8.
Dalton Telephone Co authorized to cease operation of Dalton, Cohutta, Tunnel Hill exchanges, transfer certificate to General of Georgia, Dec. 8.
Summerville Telephone Co. granted permission to dissolve and cease operation of Summerville, Menlo, Lyerly exchanges, transfer to General of Georgia, Dec. 8.
Trion Telephone Co. authorized to dissolve, General of Georgia to operate, Dec. 3.
New York:
Chazy Telephone Co. files dissolution papers, Nov. 24.

EDITORIALS:
Let's get on with the satellite job, July 21.
The Teamsters and Communications, Nov. 10.

EMPLOYE RELATIONS:
Retirement can be fun . . . if you work at it, by W. V. Benjamin, Dec. 15.

EMPLOYE TRAINING:
Collecting, comparing experiences in training programs for employes, by Merritt Lum, July 14.

FEDERAL COMMUNICATIONS COMMISSION:
(See also under AUTHORS' INDEX, Lawrence Hogan, In the Nation's Capital).
American Cable & Radio asks cable rate reduction, Dec. 15.
AT&T asks to provide new communications service, Aug. 18.
Considers case on Bell-Independent facilities, July 14.
GE endorses petition for mobile frequencies, Nov. 10.
OK's satellite office, Oct. 13.
Orders intrastate toll rates cut to 30 states, July 14.

FINANCING:
Willard F. Stanley:
Today's highlights of finance-taxes-business, trends, July 7; Aug. 4; Sept. 1; Oct. 6, Nov. 3; Dec. 1.
Small telephone systems may benefit by raising equity capital through small business investment companies, Dec. 8.

FOREIGN:
Big communications project nears completion in Angola, Dec. 1.
French telecommunications exhibit growth, expansion, Aug. 11.
French Somaliland newest radiotelephone area, Sept. 1.
Telex connects Britain, Switzerland with Africa, Sept. 15.
Full-scale electronic exchange trial begins in London, England, Dec. 29.
India receives IDA loan to expand telecommunications, Oct. 6.
ITT says no argument on payment for Brazil property, July 7.
Approves sale by KDD of $25 million notes in Japan, Sept. 1.
Japan T & T Corp. plans $13 million bond issue, Sept. 15.
Malayan telephones expand, Oct. 6.
New Hebrides linked to U. S. via radiotelephone, Aug. 11.
Netherlands develops demonstration sets, July 7.
Pakistan installing modern communications systems, Dec. 29.
Republic of South Africa telephones, Telex multiply, Sept. 22.
Set up 1st European ECO at Highgate Wood, England, Dec. 1.
Turkey plans telephone lines, Aug 25.
Officials meet in Turkey for CENTO microwave project, Sept. 22.
U. S.-Mexico microwave system now in operation, Dec. 15.

INCORPORATIONS AND NEW COMPANIES
Arizona:
Colorado River Telephone Co., Dec. 1.
California:
Calaveras Telephone Co. articles filed, Sept. 22.
Colorado:
Suburban Telephone Co., July 28.
Missouri:
Le Ru Telephone Co., Inc., Stella, files articles, Sept. 22.
Oregon:
Halsey Telephone Co., Nov. 10.
Washington:
Island Empire Telephone & Telegraph Co., files articles of incorporation, changes name to Island Empire Telephone Co., July 28.

INDEPENDENTS:
Independent pioneers report all-time high membership, by J. M. Basham, Nov. 10.

LEGISLATION:
President signs anti-slug bill; paystations mentioned, Oct. 6.
President signs bill stating postal revenues include commissions on toll telephones, Oct. 6.
North Carolina:
Statutes Commission would curb raise under bond, Dec. 29.
New Jersey:
Utility law will bring statute up to date, Dec. 29.

MANAGEMENT:
Be sure he is the right man, by William J. Milford, Aug. 11.
Analysis of basic management changes, by D. C. Power, Nov. 10.
How to be your own economist, by Ezra Pugh, Aug. 18.
Iowa company (Jefferson Tel. Co.) makes play area, "fringe" benefit for employes, Aug. 4.
Making yourself better understood, by William J. Milford, Sept. 8.
Our sluggish economy result of inadequate profits—D. C. Power, Nov. 17.
Review of business office operations, by John A. Whittaker, Nov. 3.
Why records? by John D. Russell, Dec. 8.

PAYSTATIONS:
Locating additional paystation dollars, by R. F. Kah, Sept. 22.

PIONEERS—INDEPENDENTS:
"Big D" corrals the Pioneers in '62 general assembly, Oct. 27.
Colorado Independents form state corporation, Oct. 6.

ITPA expects record member gain in 1963, Dec. 22.
Pioneers to hold two meetings, Oct. 6.

PLANT:
Aerial lifts promote economy, safety, by Ray Blain, Dec. 1, Part 1; Dec. 8, Part 2; Dec. 22, Part 3; Dec. 29, Part 4.
Annual review, new developments in telephony, by Ray Blain, July 7, Part 5; July 14, Part 6; July 21, Part 7; July 28, Part 8; Aug. 4, Part 9; Aug. 11, Part 10; Aug. 18, Part 11; Aug 25, Part 12; Sept 1, Part 13; Sept. 8, Part 14; Sept. 15, Part. 15.
Are we ready for line troubles? by Gordon E. Morley, Dec. 1.
Automatic Electric introduces electronic telephone exchange, Nov. 24.
Bell of Canada designs gas dispersion system, by D. G. Plaskett, Sept. 15.
The boom in special services and the engineering coordination required, by D. J. Tompers, Nov. 3.
The bound charge, by L. N. Martin, Nov. 17.
Data communications, by John O. Norback, Nov. 3.
Development of drop wire super high strength conductor, by R. H. Dudley and R. D. Pyle, Dec 22.
DDD transmission service improvement, by Walter B. Kelley, Nov. 3.
Five principal factors influence buried distribution plant, by P. M. Springer, July 21.
First complete electronic exchange installed at Etna, N. Y., by Ray Blain, Oct. 13.
Good Connections pay off, a timely article on the dependence of peak plant on skillful workmanship, by T. DeWitt Talmage, Aug. 4, Part 2; Sept. 22, Part 3; Dec. 1, Part 4.
Helicopter resets 60-ft. telephone poles in Canada, Aug. 18.
Helpful Literature, July 14; Oct. 20; Oct. 27; Nov. 24; Dec. 22.
Lynch checks "Speech Scrambler" via long distance calls, Dec. 1.
Microfilm circuit drawings, by D. G. Plaskett, Oct. 6.
Nappanee company instals line identification for DDD, Dec. 1.
New "boom" in plant construction, by Forest C. Wentz, Nov. 3.
News on new products,* July 7; July 14; July 28; Aug. 4; Sept. 8; Sept. 22; Oct. 6; Oct. 20; Nov. 17; Nov. 24; Dec. 1; Dec 8; Dec. 15.
Oakland (Cal.) city officials and utilities study plan for "systematized" installations of all utilities under sidewalks instead of streets, July 28.
Plant employe contribution to the merchandising program, by George J. Wickard, Nov. 3.
The Plant Man's Notebook, by Ray Blain, every issue, July through December.
Proper site preparation important in computer room planning, by C. M Walker, Oct. 20. (Uni-Strut)
Recording in the telecommunications industry, by David H. Nalle, Aug. 18, Part 1; Aug. 25, Part 2; Sept. 1, Part 3; Sept. 8, Part 4; Sept 15, Part 5.
Remote meter reading system to be tested (Mich.), July 28.
Telephone usability in high background noise areas, by Robert E. Boyar, Oct. 20.
TELEPHONY'S Electronics Section, July 28; Aug. 25. By John Potter Shields, Sept. 29; Oct. 27; Dec. 1; Dec. 29.
Theory, principle and law, by L N. Martin, Aug. 11.

PUBLIC RELATIONS:
Businessmen should be in politics, by J. L. Van Horn, Aug. 11.
General of Northwest lauds free enterprise by sign, Sept 22.
General of Northwest Public Relations dept. gives pre-election program, Dec. 1.
Here's a dial that's looking at you, Sept. 15.
How many hats does an association executive wear? by L. J. Hogan, Oct. 6.

RADIOTELEPHONE: (AND MOBILE):
French Somaliland newest radiotelephone area, Sept. 1.
Sarawak (Borneo) linked with U.S. by Long Lines' (AT&T) opening of radiotelephone service, July 14.
Mobile telephone interest grows in Hawaiian Isles, Oct. 6.

RATES:
Rate engineering for the Independent company, by Helene C. Bateman, Dec. 1, Part 1; Dec. 8, Part 2; Dec 15, Part 3.

REGULATION:
A regulator looks at a rate case, by George R. Perrine, July 21.
Hear regulatory proposal for '63 Iowa Legislature, Oct. 6.
Illinois Commerce Commission's Karber to ask tax on utilities for staff expense, Aug. 4.
Impact of the megalopolis upon utility regulation, The, by F. X. Welch, Nov. 24.

RURAL ELECTRIFICATION ADMINISTRATION:
(See also **Lawrence J. Hogan in AUTHORS' INDEX** and **COMMISSION CASES AND RULINGS.**)
Unfinished business (REA CONF., USITA), by Richard A Dell, Nov. 3.
REA Telephone Association reports directors, officers, Nov. 17.
REA reports rural dial service up 7% over year, Dec. 1.
REA reports on 1962 telephone service loans, Aug 25.
Okla. REA borrowers launch coop. emergency trailer, Aug. 25.
New national REA telephone association formed (National REA Telephone Association), Oct. 6.
Armstrong Telephone Co., Rising Sun, Md.; Pioneer Telephone Cooperative, Philomath, Ore.; Wabash Telephone Cooperative, Louisville, Ill.; Wadesville (Ind.) Telephone Co., Inc.; Wilson (Kan.) Telephone Co ; Sedgwich Telephone Co., Haviland, Kan.; Green Hills Telepnone Corp., Breckenridge, Mo.; Clarks (Neb.) Telephone Co ; Plainview (Neb.) Telephone Co., Inc.; Harlan Telephone Co., Butlerville, O. (mailing: Pleasant Plain, O.); Valley Telephone Co., Silverton, Ore.; Hardy Telephone Co., Mathias, W. Va.; Badger Telephone Co., Webster, Wis.; Tri-County Telephone Cooperative, Inc., Strum, Wis.; Valders (Wis.) Telephone Co.; and Weyauwega (Wis.) Telephone Co., July 14.
Eagle Valley (Colo.) Telephone Co ; Orange City Telephone Co., Winter Park, Fla.; Standard Telephone Co., Cornelia, Ga.; Walker County Telephone Co., Lafayette, Ga.; Adams Telephone Cooperative, Camp Point, Ill.; Hancock Rural Telephone Corp., Greenfield, Ind.; Washington County Rural Telephone Cooperative, Pekin, Ind.; Southwest Telephone Exchange, Inc., Emerson, Ia.; Central Iowa Rural Telephone Co., Cedar Rapids; West Kentucky Rural Telephone Cooperative Corp., Mayfield; Eagle Valley Telephone Co , Clarissa, Minn.; Hartville (Mo.) Telephone Co.; Highland Telephone Cooperative, Sunbright, Tenn.; Bear River Telephone Co , Tremonton, Utah (mailing address: New London, Ia., c/o A. W. Sanders, executive vice president); Tenney Telephone Co., Alma, Wis.; Mosel (Wis.) & Centerville Telephone Co. (mailing address: Cleveland,-Wis.); Hager City (Wis.) Telephone Co., July 21.
Community Telephone Co.. Windthorst, Tex.; Lavaca (Ark.) Telephone Co.; Mark Twain Rural Telephone Co., Bethel Mo.; Millington (Tenn.) Telephone Co.; West Point (Ind.) Telephone Co., Inc.; Chariton Valley Telephone Corp., Bucklin, Mo.; Cross Telephone Co., Warner, Okla., Sept. 15.
Southwest Dial, Inc., Cassville, Mo.; Northeastern Telephone Co., Blair, Neb.; New Hope (Ala.) Telephone Cooperative; Thacker-Grigsby Telephone Co., Hindman, Ky.; Dubois (Wyo.) Telephone Exchange, Sept. 22.
Decatur (Miss.) Telephone Co.; Campti-Pleasant Hill (La.) Telephone Co.; Ottoville (O.) Mutual Telephone Co., Oct. 6.
Hampton (Ark.) Telephone Co.; Central Texas Telephone Cooperative, Goldthwaite, Tex., Oct. 27.
3-Rivers Telephone Cooperative, Fairfield, Mont.; Leaco Rural Telephone Cooperative, Lovington, N M.; Tri-County Telephone Membership Corp., Belhaven, N. C., Panhandle Telephone Cooperative, Guymon, Okla., Nov 3.
Tri-County Telephone Co., Ashland, Ala.; Volcano (Cal.) Telephone Co ; Eagle Valley Telephone Co., Eagle, Colo.; Equality (Ill.) Telephone Co.; Clay County Rural Telephone Cooperative, Poland, Ind.; Cunningham Telephone Co., Glen Elder, Kan.; Rock Dell Telephone Co., c/o Mantorville Telephone Co., Kasson, Minn.; Bay Springs (Miss.) Telephone Co.; Midstate Telephone Co., Jefferson City, Mo.; Chester Telephone Co., Weare, N. H.; Hinton (Okla.) Telephone Co., Inc.; Aurora (Ore.) Mutual Telephone Co., Ltd., Nov. 17.
Estacada (Ore.) Tel. & Tel. Co.; Perry-Spencer Rural Telephone Cooperative, Tell City, Ind.; Scott-Rice Telephone Co., Prior Lake, Minn.; The Dimock Hollow Telephone Co., Morris, N. Y.; Wilkes Telephone Membership Corp., Wilkesboro, N. C.; Mid-Plains Rural Telephone Cooperative, Tulia, Tex.; Santa Rosa Telephone Cooperative, Vernon, Tex.; Scandinavia (Wis.) Telephone Co., Nov. 24.
Easton (Minn.) Telephone Co.; Corn Belt Telephone Co.; Pineland Telephone Co., McGregor, Minn., Dec. 15.
Brindlee Mountain Telephone Co., Arab, Ala.; Township Telephone Co., Chaumont, N. Y.; Williston (S. C.) Telephone Co ; Amery (Wis.) Telephone Co.; United Telephone Co., Monroe, Wis., Dec. 22.
Butler (Ala.) Telephone Co.; Pagosa Springs (Colo.) Telephone Co.; Sunflower Telephone Co , Dodge City, Kan.; XIT Rural Telephone Cooperative, Dalhart, Tex.; Pineland Telephone Cooperative, Metter, Ga., Dec. 29.

SAFETY:
Off-the-job safety, by W. K. Koch, Dec. 29.
Safety Film—ladders, air space devices, Sept. 1.
Plant safety by Carl J. Lohman, Nov. 3.

SALES AND PURCHASES:
Ohio:
Antenna Specialists Co., Inc., Cleveland, O., purchases Zeus portable electric power generator from Pesco Co. Products Div., Borg-Warner, Oct. 6.
Texas:
Independent Telephone Directory Co. sells to Leland Mast Directory Co., Wilmette, Ill., Oct. 6.
Arkansas:
Independent Telephone Corp. (Washington, D.C.) acquires Western Arkansas Telephone Co., Dec. 22.
Florida:
Tri-County Telephone Co. authorized to sell to Independent Telephone Corp. Sept. 8.
Georgia:
Jeffersonville Telephone Co., Inc. granted permission to acquire properties of Jeffersonville exchange from O. B. Lineberger d.b a. as Jeffersonville Telephone Co., Dec. 8; authorized to acquire properties of Danville exchange of Jefferson Telephone Co., Dec. 8.
Illinois:
Berryville Telephone Co. sold to County Telephone Co., July 7.
Independent Telephone Corp. announces Ill. purchase (Farmers Telephone Co. of Lee County), Oct. 27.
Looking Glass Prairie Telephone Co. sells 75 per cent stock to Continental Telephone Co., Nov. 10.
Pulaski Mutual Telephone Co. authorized to sell to Fruitville Tel. Co., Aug. 4.
Indiana:
Citizens Mutual Telephone Co. sale to General Telephone Co. of Indiana, Inc., approved, Aug. 25.
Lapel Telephone Co., Inc.:
Acquired by United Utilities, Inc., Dec. 1.
Manson Telephone Co., Inc. authorized to sell to Indiana Bell Telephone Co., Aug. 25.
Preble Telephone Co. authorized to sell to the Citizens Telephone Co., Aug. 25.
Scotland Cooperative Telephone Co. and Owensburg Telephone Co., Inc., both sell to Smithville Telephone Co., Ellettsville, Dec. 29.
Iowa:
Primghar Telephone Co. sells to General Telephone & Electronics Corp., Dec. 15.
Ventura Telephone Co. sale to Clear Lake Independent Telephone Co. reported, Aug. 25.
Kansas:
Conway Rural Telephone Co. sold to Mid-Kansas Telephone Co., July 7.
Windom Rural Telephone Co. sold to Mid-Kansas Telephone Co., July 7.
Michigan:
Elmira Telephone Co. sells to Independent Telephone Corp. of Michigan, Aug. 18.
Levering Telephone Co. sells to Independent Telephone Corp. of Mich., Aug. 18.
Minnesota:
Blackduck Telephone Co. authorized to sell to Langor Township Telephone System, Sept. 29.
Embarrass Farmers Cooperative Tel. Co. sold to Gopher State Telephone Co., July 21.
St. John's Telephone Co. authorized to sell to Northwestern Bell Telephone Co., Sept. 29.
South Clifton Rural Telephone Co. authorized to sell to Northwestern Bell Telephone Co., Sept. 29.
Missouri:
Reeds Spring Telephone Co., Inc. controlling interest acquired by Malcolm Sherwood; merger with Twin Lakes Telephone Co. being planned, Nov. 17.
Nebraska:
Farmers Mutual Telephone Co. stockholders vote to sell to Capital Telephone Co., July 28.
Huntley Telephone Co. sale to the Wilcox Telephone Co. approved, Oct. 13.
Moorefield Mutual Telephone Co. purchased Moorefield exchange, Nov. 24.
New York:
Candor Telephone Co. acquired by Chenango & Unadilla Telephone Corp., in stock exchange, Dec. 15.

Orange County Telephone Co. authorized to sell toll line held jointly with Tri-State Associated Telephone Corp., to New York Telephone Co., July 28.
Tri-State Associated Telephone Corp. authorized to sell toll line jointly owned with Orange County Telephone Co., to New York Telephone Co., July 28.

North Carolina:
Andrews Telephone Co. sale to Western Carolina Telephone approved, Nov. 10.
Morris Telephone Co. authorized by commission to sell control to Western Power & Gas Co. of Neb., Oct. 20.

North Dakota:
Four exchanges of Sheyenne Telephone Co. sell to Iowa-Illinois Telephone Co., Aug. 11.

Ohio:
Delta (O.) Home Telephone Co. sells to Mid-Continent Telephone Corp., July 28.

Oregon:
Estacada Telephone & Telegraph Co. authorized to sell to Pacific Northwest Bell Telephone Co., Aug. 11.

Pennsylvania:
Steuben Telephone Co. sold to Independent Telephone Corp., Dryden, N. Y., July 7.

Tennessee:
Houston County Telephone Co. receives approval to sell to Peoples Tel. Co., Oct. 20.

Texas:
Carmine Telephone Exchange sold to Industry Telephone Co., Nov. 10.

Virginia:
Campbell-Terrell Telephone Co. authorized to sell to Independent Telephone Corp., Sept. 8.

Washington:
Washington sale of Uniontown-Colton telephone Co. to Wayne Hereford and Harold Weis finalized, Aug. 11.

Wisconsin:
Annaton-Preston Telephone Co. acquired by General Telephone Co. of Wisconsin, Sept. 1.
Calumet Telephone Co. authorized to sell to Stockbridge & Sherwood Telephone Co., Sept. 1.
Grant County Telephone Co. acquired by General Telephone Co. of Wisconsin, Sept. 1.
Iowa County Telephone Co. authorized to sell to the General Telephone Co. of Wisconsin, Oct. 20.
New Franken Telephone Co. acquired by General Telephone Co. of Wisconsin, Sept. 1.
Rewey & Mineral Point Telephone Co. acquired by General Telephone Co. of Wisconsin, Sept. 1.

SELLING:
The three S's Safety—Service—Sales, by Ben Smith (a reprint of Sept. 16, 1961), Oct. 20.
Tinkertoys sell telephones, Dec. 8.

SPACE SATELLITE COMMUNICATIONS:
Astronaut Schirra's flight seen in Britain via Telstar, Oct. 20.
AT&T undecided whether to launch a second Telstar, Oct. 20.
Echo-free conversation via Telstar tested by GT&E, Oct. 13.
Incorporators for space satellite corporation (See also Lawrence J. Hogan) named by JFK, Nov. 3.
ITT develops radio station for satellite communications, July 21.
ITT reveals satellite plans in experiment with Brazil, Oct. 13.
London predicts telephone by satellite in 5 yrs., Aug. 11.
Message-reply, Chicago to Maine, sent via Telstar, Nov. 10.
Production data transmitted in SCM—Telstar test, Nov. 17.
Satellite communications ship completed, Dec. 22.
Swedish observatory planned for Telstar reception, Oct. 20.

TELSTAR:
Telstar success due to private enterprise knowledge, money, by J. M. Basham, July 21.
Illinois State Fair site of Telstar call to England, Sept. 8.
Use Telstar for timing U. S., British clocks, Sept. 8.
New York "Times" transmits via Telstar, Dial-O-Verter, Sept. 8.
Western Union collects data via series of Telstar tests, Sept. 8.
Telstar in communications tests between U. S. and Britain, Sept. 15.
Two-way channel via Telstar realized simply, inexpensively, Sept. 22.
Wisconsin company sends greetings to Britain via Telstar, Sept. 22.
Telstar reporting data on high altitude radiation, Oct. 13.
Telstar sends business data from England to Maine, Oct. 13.
Telstar's transmission speed tested by Bell Laboratories, Oct. 20.
Telstar, computer combine in data transmission test, Nov. 17.
Telstar experiments stop (Nov. 2 through Dec. 24), Dec. 1.
Victor experiments with Data-Phone via Telstar, Nov. 10.
U. S.-Japan agree on TV-Radio satellite experiments, Dec. 1.

TAXES:
Pacific Telephone & Telegraph Co. California property tax assessment reaffirmed, Sept. 22.
Florida commission asks bigger utilities assessment, Dec. 29.
ICC's Karber to ask tax on utilities for staff expense, Aug. 4.
Nevada 1963 utility tax assessments raised by commission, Oct. 20.
Mountain States Telephone Co., AT&T New Mexico telephone property tax settlement, Oct. 20.
New Mexico Tax Commission takes recess for General of SW, Sept. 15.
Utility tax relief urged locally in Virginia, Oct. 27.
The new treasury tax depreciation rates, by Willard F. Stanley, Sept. 1.

TELEPHONE SERVICE:
Communication blooms in skyscraper homes, by R. G. Houdek, Oct. 13.
Electrocardiograph calling Elyria (O.) doctor pioneer, Oct. 6.
Extension users need help, by Gilbert R. Brackett, Nov. 24.
General Telephone Co. of Ohio chases bank to provide service, Sept. 1.
General Telephone Co. of Vermont furnishes roundup service to Scouts, Aug. 25.
Goodbye to the "Hello" girl—70 years ago, Nov. 17.
International Telex service between Bombay and Hamburg, July 28.
Omaha tests leased systems for emergency (fire) reporting, Oct. 13.
The PBX service adviser, by Gilbert R. Brackett, Aug. 25.
Research by telephone, by Sylvia McNair and Patricia Wishart, Aug. 11.
"Smile Miss PBX attendant, you're on Candid Camera," by Gilbert R. Brackett, Oct. 27.
Telephone (Bell) facilities please customers, increase revenue, Nov. 24.
Telephone service and per capita income, by A. I. Warrington, Oct 13.
TWA inaugurates plane telephone service, July 28.

TELEVISION:
Indiana General and Bell join in University ETV system, Oct. 6.
Television telephone said to be Russian "first", Oct. 13.
"3R plus (T plus Kx) equals (ETV)6 by Orla Moody, Oct. 27.
Transmit medical color TV from England to U. S., Oct. 6.

TOLL COMPENSATION:
USITA, Bell research agreement on revised toll settlements, Sept. 29.

TRAFFIC:
(See also the Traffic Page, by **Winnie Burnett, Authors' Index.**)
Improving cooperation between traffic and commercial, by R. D. Kingston, Nov. 3.
Information our greatest riddle, by Gilbert R. Brackett, Aug. 18.
Meeting today's traffic objectives, by J. C. Cluen, Nov. 3.
Service our common goal, by D. K. Barrett, Nov. 3.

(UNIONS (TELEPHONE):
(See also **Editorials.**)
Texas Telephone & Telegraph Co. employes reject unionization, Nov. 10.

USITA:
63 engineers attend USITA conference at Michigan State University, by Peter J. Baker, Aug. 4.
USITA management program sees 41 1962 graduates, Sept. 15.
Announce key USITA speakers for 1962 program, Sept. 15.
USITA vital force in industry, by Ray Blain, Oct. 6.
Officers of United States Independent Telephone Association, Oct. 6.
USITA retains PR agency, Harshe-Rotman & Druck, Inc., Oct. 20.
"Communications in Orbit" theme of USITA convention, by R. C. Reno, Nov. 3.
Excerpts from report of USITA executive vice president, by Clyde S. Bailey, Nov. 3.
1962-63 officers of USITA, Nov. 3.
President's address: Open minds and flexible thinking, by Frank G. LaPrade, Nov. 3.
Report of USITA accounting committee, by W. H. Todd, Nov. 3.
Report of USITA commercial committee, by E. H. Utzman, Nov. 3.
Report of USITA engineering committee, by R. K. Ghormley, Nov. 3.
Report of USITA plant committee, by B. E. Bryngelson, Nov. 3.
Report of USITA traffic committee by A W. Lambert, Nov. 3.
Report of USITA REA borrowers committee, by W. G. Winters, Nov. 3.

AUTHORS' INDEX

Bailey, Clyde S.:
Excerpts from report of USITA executive vice president, Nov. 3.

Barrett, D. K.:
Service our common goal, Nov. 3.

Basham, J. M.:
Telstar success due to private enterprise knowledge, money, July 21.
Independent Pioneers report all-time high membership, Nov. 10.

Bateman, Helene C.:
Rate engineering for the Independent company, Dec. 1, Part 1; Dec. 8, Part 2; Dec. 15, Part 3.

Benjamin, W. V.:
Retirement can be fun . . . if you work at it, Dec. 15.

Benson, R. D.:
Need for modernized tariffs, Nov. 3.

Bittermann, Helen Robbins:
Women in politics? Oct 6.

Blain, Ray:
Plant man's notebook, every issue, July through December.
Plant man's quiz, July 28; Aug. 4; Aug. 11; Aug. 18; Sept. 1; Sept. 8; Sept. 15; Sept. 22; Sept. 29; Oct. 13; Oct. 20; Oct. 27; Nov. 24; Dec. 1; Dec. 15; Dec. 22; Dec. 29.
Annual review, new developments in telephony, July 7, Part 5; July 14, Part 6; July 21, Part 7; July 28, Part 8; Aug. 4, Part 9; Aug. 11, Part 10; Aug. 18, Part 11; Aug. 25, Part 12; Sept 1, Part 13; Sept. 8, Part 14; Sept. 15, Part 15.
USITA vital force in industry, Oct. 6.
First complete electronic exchange installed at Etna, N. Y., Oct. 13.
Aerial lifts promote economy, safety, Dec. 1, Part 1; Dec. 8, Part 2; Dec. 22, Part 3; Dec. 29, Part 4.

Brackett, Gilbert R.:
Information our greatest riddle, Aug. 18.
The PBX service adviser, Aug. 25.
"Smile Miss PBX attendant, you're on Candid Camera", Oct. 27.
Extension users need help, Nov. 24.

Boyar, Robert E.: Telephone usability in high background noise areas, Oct. 20.

Bryngelson, B. E.:
Report of USITA plant committee, Nov. 3.

Burnett, Winnie: The traffic page, July 14; July 21; July 28; Aug. 18; Sept. 1; Sept. 8, Sept. 15; Oct. 27; Nov. 24; Dec. 1; Dec. 15; Dec. 22; Dec. 29.

Cluen, J. C.:
Meeting today's traffic objectives, Nov. 3.

Dudley, R. H. with R. D. Pyle:
Development of drop wire with super high strength conductor, Dec. 22.

Dell, Richard A.:
Unfinished business, Nov. 3.

Fargo, Dan. S.:
Pennsylvanians contemplate on 'Freedom to Operate', July 14.

Fitch, W. C.:
Modern engineering valuation, Sept. 29.

Forcheskie, Carl:
New guidelines for depreciation, Nov. 3.

Gilland, James B.:
Computers no end to dramatic breakthroughs, Nov. 3.

Ghormley, R. K.:
Report of USITA engineering committee, Nov. 3.

Hardin, Helen:
Golden Staters (Cal.) look ahead, examine lag, image, potential, July 28.
The woman's place, Oct. 27.
Georgians, "on move," told: plan, meet demands, Oct. 27.
Mountain States telephony pleads for Free Enterprise, Nov. 10.
The Woman's Place (Christmas issue), Dec. 15.

Hardin, Helen, with Jeanne van Gemert:
The woman's place, Oct. 6.

Hogan, Lawrence J.:
In the Nation's Capital: Excise tax bill signed by President. Telephone levy to continue. . . . Government-ownership senators stall satellite bill. . . . ADA urges filibustering to defeat bill. . . . Justice Department

criticized for monitoring its telephones, July 7. . . . Treasury expected to announce new tax depreciation rules soon. . . . U. S. Chamber recommends federal corporate and individual tax rates. . . . Delays in Senate over tax and "Medicare" bills stall action on communications satellite bill, July 14. . . . TELSTAR launching takes wind out of sails of Senate government-ownership bloc. . . . Treasury Department revises depreciation schedules. . . . U. S. Chamber of Commerce still for tax cut. . . . All-channel TV law boon to telephone industry, July 21. . . . Defeat of administration bills in Congress indicates trend among the citizenry toward fiscal responsibility and limited government. . . . House defeats bill to authorize AEC to permit government built nuclear project at Hanford, Wash. . . . President Kennedy names Consumers' Advisory Council, July 28. . . .

Filibuster by government-ownership group threatens communications satellite bill in Senate. . . . Expropriations "string" tied to foreign aid bill . . . . Survey shows business community wary of President Kennedy and his programs. . . . FCC approved new ETV channels, Aug. 4. . . . Compromise on communications satellite bill ends Senate filibuster by government-ownership bloc. . . . Republicans charge State Department wants to take over space communications, Aug. 11. . . . Senate liberals expected to start second filibuster on communications satellite bill. . . . Truman joins fray. . . . Wiretap bill not likely to pass, Aug. 18. . . . Communications satellite bill passes Senate by vote of 66 to 11. . . . Votes Cloture Rule to silence liberal filibusterers favoring government ownership of satellite communications system and who turned proceeding "into a circus", according to Senator Lausche of Ohio, Aug. 25.

CWA President Beirne gives Senator Kefauver lesson in government ownership in connection with communications satellite bill. . . . Outcome of administration's much-altered tax bill questionable, Sept. 1 . . . House passes Senate version of satellite communications bill. . . . Tax bill faces rocky road. . . . USITA and U.S. Chamber of Commerce criticize tax credit plan. . . . Speculate on Minow's plans. . . . U.S. business grows. . . . Employ the Handicapped week, Sept. 8. . . . House-Senate conference gets tax revision bill for compromise. . . . Seek Space Corp. incorporators. . . . Hamilton warns Brazil on expropriation. . . . Predict Hanford facility proposal to be in AEC bill. . . . Western Union gets antitrust law breather. FCC suspend WU raise. . . . Power company attacks Clapp on REA loan, Sept. 15. . . . House-Senate Conferees study tax bill. Several men being considered for space communications corporation incorporators. FCC aide resigns after suggestion that State Department control TV programs via satellites, Sept. 22.

Unrest in CWA ranks as 21 members found "guilty" of plotting to swing their unit into Teamsters Union. . . . Senator Douglas of Illinois not hampered by facts in discussing utilities' rates of return. . . . FCC establishes Office of Satellite Communications, Oct. 13. . . . Senate fails to confirm directors of Satellite Communications Corp. in rush to get home to build political fences. . . . Antislug bill passed. . . . Goldwater to introduce bill to curb what he calls excessive concentration of power held by unions, Oct. 20. . . . Thirteen major items of legislation acted upon by 87th Congress. . . . FCC asked to break frequency jam. FCC Counsel's office reorganized. . . . Minow gives International Radio and TV Society dramatic view of satellite space communications, Oct. 27.

Cuban situation still uppermost in minds of Washingtonians. . . . Public shaken from its apathy, and civil defense and fallout shelters are subjects of renewed interest. . . . TELSTAR communications expanded. . . . FCC to effect changes in common carrier bureau, No. 10. . . . Political leaders trying to decide what election means to both Republicans and Democrats. . . . GE endorses petition to FCC asking for frequencies for two-way radio. . . . Hoffa continues raid on CWA, Nov 17. . . . Starlings oust squirrels as irritant to White House. . . . Statistics show what federal government costs each individual. . . . FCC Chairman Minow explains separation procedures and satellite communications, upholds private ownership, Nov. 24.

Kennedy budget surplus prediction evaporates, but staggered tax reduction being considered. . . . Eighty-eighth Congress likely to be more pro-Kennedy. New committee divisions being revamped as result of election. . . . President's 1963 program to include some carryover issues of major interest to business. . . . AT&T endorses EIA petition for more mobile radio frequences. . . . Satellite incorporators meet, Dec. 1. . . . FCC proposes regulations for satelite corporation stock ownership. . . . FCC makes changes in staff. WU protest against AT&T data transmission tariffs denied. . . . TELSTAR won't take orders to operate its receiver and transmitter, Dec. 8. . . . FCC deals with federal tax credit in "interim order". . . .NLRB mails ballots to WE installers for vote on Teamsters Union. . . . Two liberal senators still criticize private enterprise in satellite communications, Dec. 15. . . . AT&T and USITA make recommendations to NARUC on tax credit program. . . . President Kennedy to name K. A. Cox to FCC. . . . U. S. and USSR agree to cooperate in space, including experiments with passive communications satellites, Dec. 22. . . . FCC approves Independents' participation in Communications Satellite Corp. . . . USITA recommendations folowed. . . . FCC proposes amendments to accounting systems. . . . Changes to be made in IRS expense account reporting regulations, Dec. 29.

Public relations!—bedrock of membership promotion and retention address, Sept. 29. How many hats does an association executive wear? Oct. 6.

Hollenkamp, W. J.:
Data processing for telephone companies, Nov. 3.

Houdek, Richard G.:
Communication blooms in skyscraper homes, Oct. 13.

Kah, R. F.:
Locating additional paystation dollars, Sept. 22.

Kelley, Walter B.:
DDD transmission service improvement, Nov. 3.

Kingston, R. D.:
Improving cooperation between traffic and commercial, Nov. 3.

Koch, W. K.:
Off-the-job safety, Dec. 29.

Lambert, A. W.:
Report of USITA traffic committee, Nov. 3.

LaPrade, Frank G.
Open minds and flexible thinking, Nov. 3.

Lohman, Carl J.:
Plant safety, Nov. 3.

Lum, Merritt:
Collecting, comparing experiences in training programs for employes, July 14

Martin, L. N.:
The bound charge, Nov. 17.

Milford, William J.:
Be sure he is the right man, Aug. 11.
Making yourself better understood, Sept. 8.

Moody, Orla:
"$3R + \frac{(T + K^s)}{P^x} = (ETV)^e$", Oct. 27.

Morley, Gordon E.:
Are we ready for line trouble? Dec. 1.

McNair, Sylvia with Patricia Wishart:
Research by telephone, Aug. 11.

McNeely, E. J.:
Progress in the communications industry, Nov. 3.

Nalle, David H.:
Recording in the telecommunications industry, Aug. 18, Part 1; Aug. 25, Part 2; Sept. 1, Part 3; Sept. 8, Part 4; Sept. 15, Part 5.

Norback, John O.:
Data communications, Nov. 3.

Perrine, George R.:
A regulator looks at a rate case, July 21.

Plaskett, D. G.:
Bell of Canada one of first to use programmed learning for training, July 28.
Bell of Canada designs gas dispersion system, Sept. 15.
Canada Bell mobile TV tower used in pickup, Sept. 22.
Microfilm circuit drawings will save Bell of Canada an estimated $370,000 a year, Oct. 6.
Order telephone supplies by Data-Phone, Nov. 10.

Pollock, Ted:
Mind your own business, July 14; Aug. 11; Sept. 8; Oct. 13; Nov. 10; Dec. 15.

Pugh, Ezra:
How to be your own economist, Aug. 18.

Pyle, R. D., with R. H. Dudley:
Development of drop wire with super high strength conductor, Dec. 22.

Reno, R. C.:
Missouri-Kansas convention urged to give all-out support to private enterprise, July 7.
Marketing is key to sales profits, Arkansas convention told, Oct. 20.
"Communications in orbit" theme of USITA convention, Nov. 3.
Active interest is politics is great need today, Michigan Independents told, Nov. 3.

Russell, John D.:
Why records? Dec. 8.

Shields, John Potter:
Telephony's Electronics Section, Sept. 29; Oct. 27; Dec. 1; Dec. 29.

Smith, Ben:
The three S's-Safety—Service—Sales, Oct. 20 (a reprint of Sept. 16, 1961).

Springer, P. M.:
Five principal factors influence buried distribution plant, July 21.

Stanley, Willard F.:
Today's Highlights of Finance, taxes, business trends, July 7, Aug. 4; Sept. 1; Oct 6; Nov. 3; Dec. 1.
The new Treasury tax depreciation rates, Sept. 1.
Small companies should profit by not capitalizing construction overheads, Oct. 13.
Small telephone systems may benefit by raising equity capital through small business investment companies, Dec. 8.

Talmage, T. de Witt:
Good connections pay off, a timely article on the dependence of peak plant on skillful workmanship, Aug. 4, Part 2; Sept. 22, Part 3; Dec. 1, Part 4.

Todd, W. H.:
Report of USITA accounting committee, Nov. 3.

Tompers, D. J.:
The boom in special services and the engineering coordination required, Nov. 3.

Trotter, Dr. Herbert Jr.:
Communications in the space age, Nov. 3.

Van Gemert, Jeanne:
Oregon-Washington Independent study politics, policies, and practices, Aug. 4.
The woman's place, with Helen Hardin, Oct. 6.
North Carolinians study: satellites, sales, marketing and merchandising, Oct. 27.

Van Horn, J. L.:
Business men should be in politics, Aug. 11.

Walker, C. M.:
Proper site preparation important in computer room planning, Oct. 20.

Warrington, A. I.:
Telephone service and per capita income, Oct. 13.

Welch, Francis X.:
The impact of the megalopolis upon utility regulation, Nov. 24.

Wentz, Forest C.:
A new "boom" in plant construction, Nov. 3.

Whittaker, John A.:
Review of business office operations, Nov. 3.

Wickard, George J.:
Plant employe contribution to the merchandising program, Nov. 3.

Winfrey, Robley:
Use of Iowa type survivor curves in valuation and depreciation, Oct. 6.

Winters, W. G.:
Report of USITA REA borrowers committee, Nov. 3.

Wishart, Patricia with Sylvia McNair:
Research by telephone, Aug. 11.

Woodrich, Ardis:
'Get out of telephone business into communications business'—Nevadans told, Nov. 17.